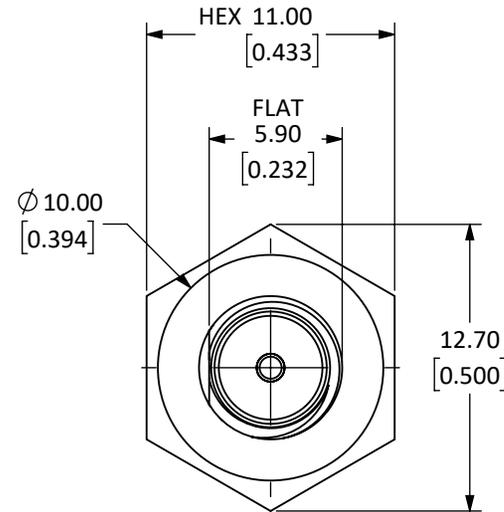
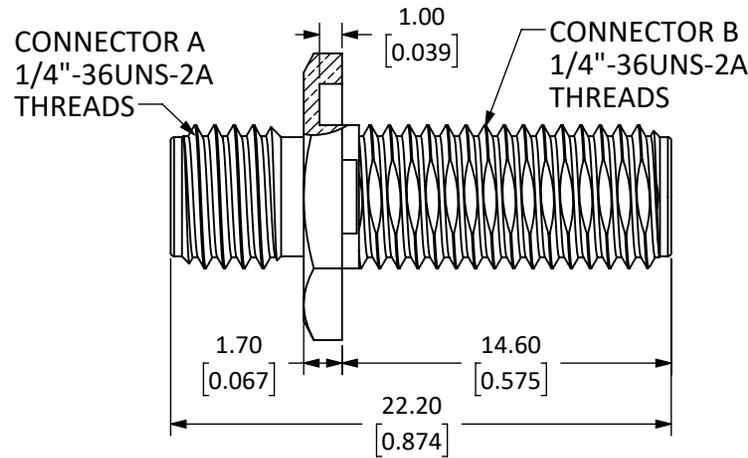


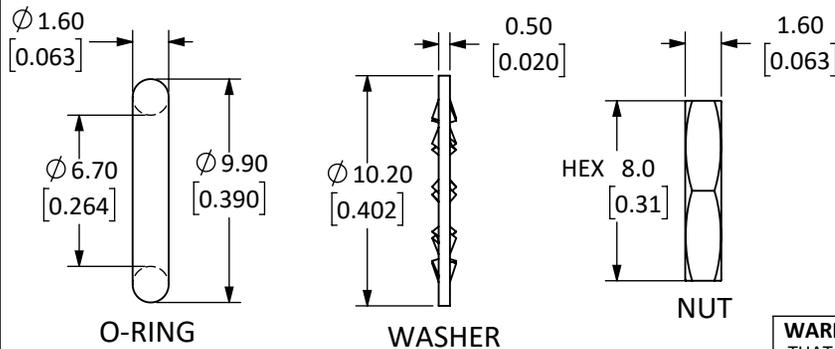
Connector A: SMA Jack (Female Socket)				
Connector B: SMA Jack (Female Socket)				
Body Style	Sealed Bulkhead Mount			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Stainless Steel	Gold	Stainless Steel	Gold
Center Contact	BeCu	Gold	BeCu	Gold
Insulator	PTFE	-	PTFE	-
	Material		Finish	
Washer	Stainless Steel		Gold	
Nut	Stainless Steel		Gold	
O-Ring	Si Rubber		-	

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL DRAWING RELEASE.	CLL	6-FEB-20



NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- DIMENSIONS APPLY AFTER FINISHING.
- MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
- SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.
- SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)
- SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)
- SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)



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Linx 159 ORT LANE
MERLIN, OR 97532

TITLE:
**SMA FEMALE TO SMA FEMALE
ADAPTER, SEALED BULKHEAD**

MATERIAL:	TOLERANCES: 0.50 [0.020]-5.00 [0.200]= ±0.20 [0.008] 5.00 [0.200]-30.00 [1.200]= ±0.40 [0.016] 30.0 [1.20]-120.0 [4.75]= ±0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= ±1.0 [0.040]	PROJECTION: ANGLER: ±1°
FINISH:	DRAWN: M. SCHULTE DT: 15-JAN-20	ENGR: D. VARATHARAJAN DT: 06-FEB-20

SIZE	DWG. NO.	REV
A	ADP-SMAF-SMAF-SSB-G	A
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

5 TABLE I

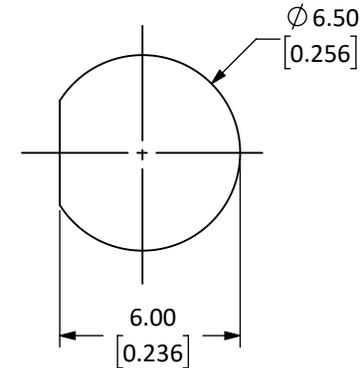
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	$\geq 5000 \text{ M}\Omega$
Voltage Rating	1000 V RMS
Contact Resistance	Center $\leq 2.0 \text{ m}\Omega$ Outer: $\leq 2.0 \text{ m}\Omega$
VSWR	≤ 1.22

6 TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 METHOD 101 TEST CONDITION B
Thermal Shock	MIL-STD-202 METHOD 107 TEST CONDITION B
Vibration	MIL-STD-202 METHOD 204 TEST CONDITION D
Mechanical Shock	MIL-STD-202 METHOD 213 TEST CONDITION I
Temperature Range	-65 °C to +165 °C
Environmental Compliance	ROHS

7 TABLE III

Mechanical Data	Detail
Mounting Type	Sealed Bulkhead Mount
Fastening Type	1/4"-36UNS Threaded Coupling
Recommended Torque	0.57 N.m (5.0 in.lbs)
Coupling Nut Retention	60 lbs min.
Connector Durability	500 cycles min.
Weight	3.4 g (0.12 oz)

RECOMMENDED BULKHEAD
MOUNTING HOLE

SIZE	DWG. NO.	REV
A	ADP-SMAF-SMAF-SSB-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2